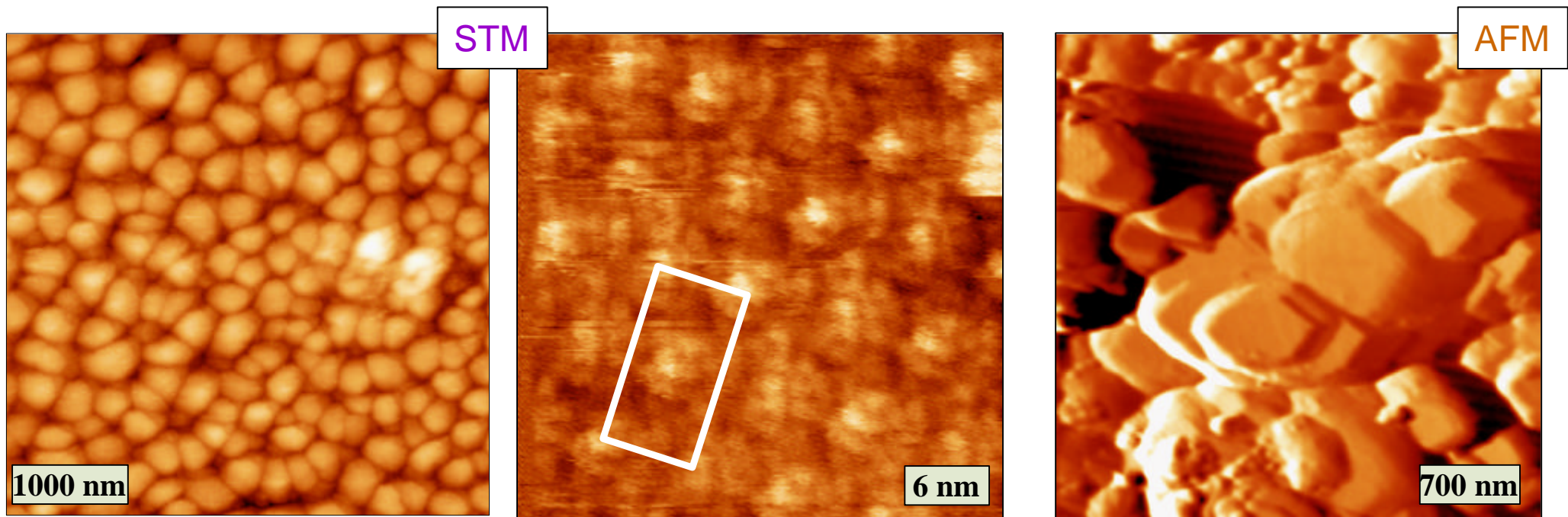


Scanning Probe Microscopy

PTCDA /S-GaAs(100)

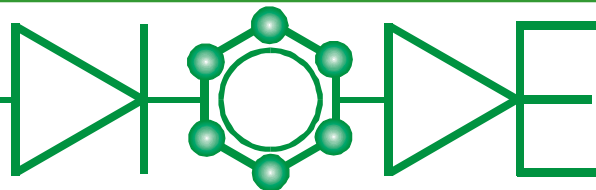


- Growth of the organic layer
 - Molecular resolution
 - Bulk unit cell

- Growth of Organic Crystals



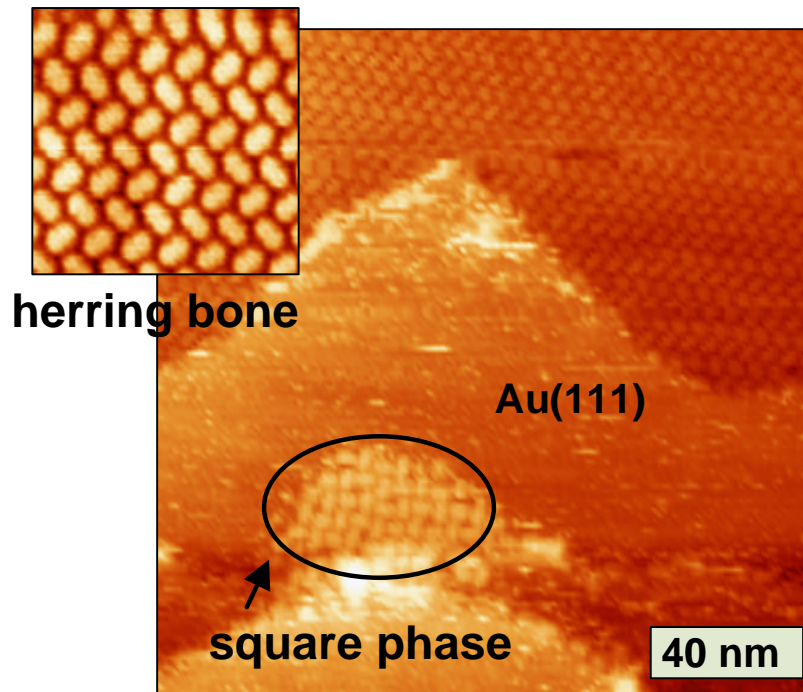
IHP Research Training Network



**Universidad
Autónoma de Madrid
(experimental group)**

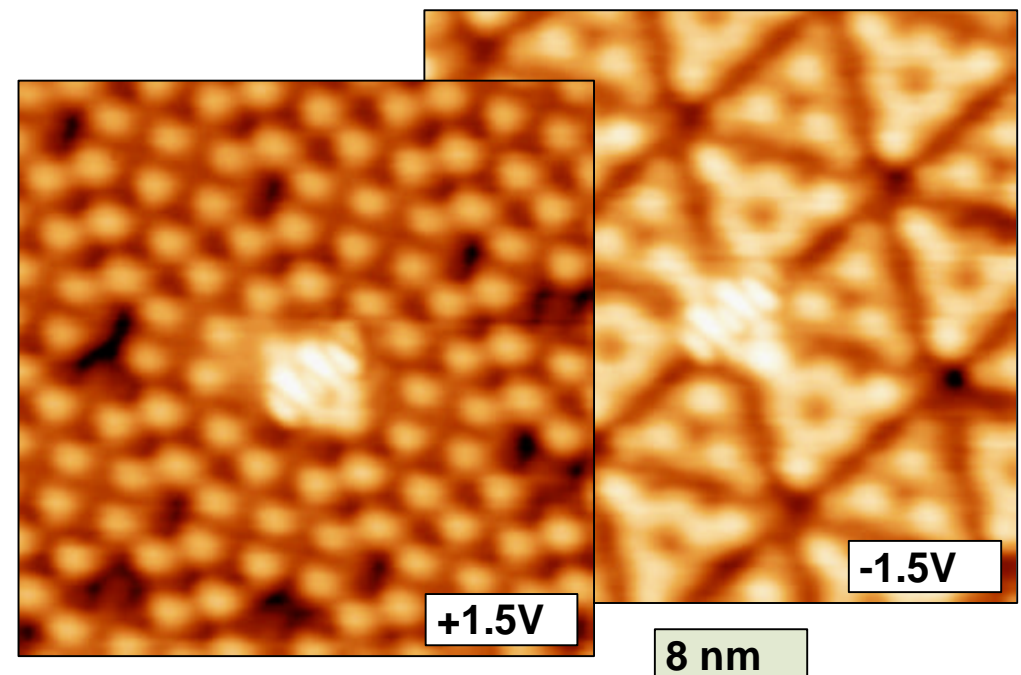
Scanning Probe Microscopy

PTCDA / *Au(111)*



- Ordered monolayer growth
- Molecular resolution

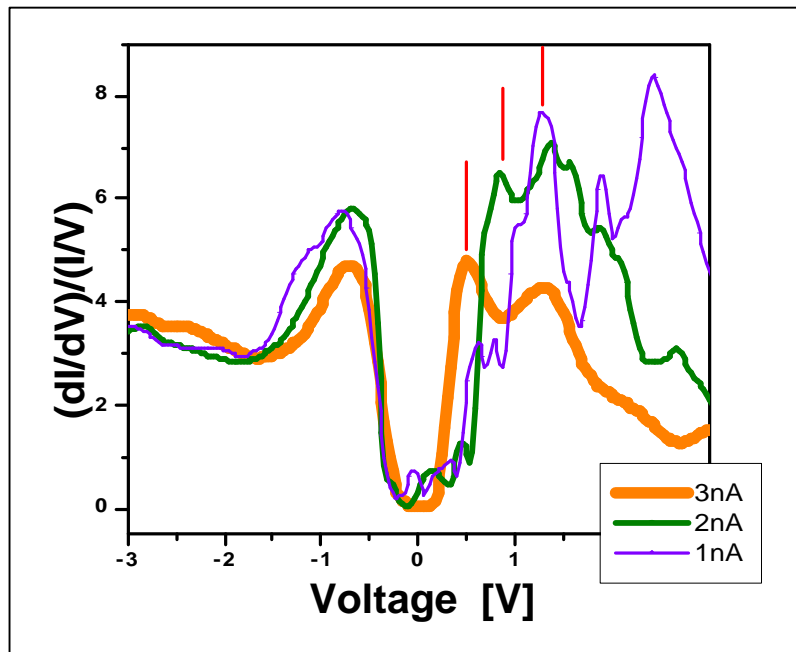
PTCDA / *Si(111)*



- Observation of intramolecular features

Scanning Probe Microscopy

Spectroscopy on *PTCDA* / *S-GaAs(100)*



- Transport GAP through the system
- Reduction of the GAP
- Shifting of the LUMO level